



SYNOPSIS

ON

Quiz Game Site

Submitted By:

Submitted To:

Nishant Kumar Singh - G – 2115000676

Mohd. Asalam

Amrendra Singh - I – 2115000141

Sachin Raghav - K – 2115000885

Anuj Kumar -L-2115000175

Quiz Game

Quiz Game using HTML,CSS and JS:

The Quiz Game mini project is a dynamic and user-friendly web application created with HTML,CSS and Javascript aiming to provide an interactive platform for quiz enthusiasts to both take and create quizzes.

This project leverages the power of these fundamental web technologies to deliver a seamless and engaging quiz experience.

Objective and Scope: -

Objective: -

The Quiz Game Mini Project aims to create an interactive web platform using HTML, CSS, and JS for users to seamlessly engage in and create quizzes. Objectives include user-friendly quiz creation, responsive design, interactive quiz sessions, and effective feedback mechanisms, fostering an enjoyable and accessible quiz-taking experience.

Scope: -

The Quiz Game Mini Project using HTML, CSS, and JS aims to provide an interactive quiz platform with user registration, dynamic quiz creation, and responsive design. Its scope includes engaging quiz-taking interfaces, score tracking, and a leaderboard. The project's versatility allows easy customization, scalability, and potential integration of additional features for an enhanced user experience in the realm of online quizzes.

Key Features

- **User Authentication:**

- Users can register and log in securely using HTML forms and JavaScript validation.
- Password hashing ensures the security of user credentials.

- **Quiz Creation Interface:**

- A simple and intuitive quiz creation form using HTML forms and dynamic form elements powered by JavaScript.
- Users can add various question types, set time limits, and customize quiz parameters.

- **Responsive Design:**

- Utilizing CSS media queries, the application is designed to be responsive, ensuring a consistent user experience across devices.

- **Quiz Taking Interface:**

- Dynamic HTML and CSS create an interactive quiz-taking interface.
- JavaScript manages real-time feedback, scoring, and timers.

- **Score Tracking and Leader board:**
 - JavaScript handles score tracking during quiz sessions.
 - A leader board section showcases top scorers using HTML and CSS for display formatting.
- **Local Storage for Data Storage:**

Utilizing the browser's Local Storage, the application stores user data, quiz content, and scores locally for a seamless experience.
- **Search and Filter Functionality:**
 - JavaScript enables dynamic search and filter features to help users find quizzes based on keywords or criteria.
- **User Feedback and Notifications:**
 - Simple HTML forms allow users to provide feedback on quizzes.
 - JavaScript manages notifications for quiz invitations and results.
- **Basic Admin Features:**
 - A basic admin interface using HTML forms allows administrators to manage user accounts and review quiz content.

- **Scalability and Performance:**

- Optimized HTML, CSS, and JavaScript code for efficient performance.
- The project is designed to be easily scalable for additional features and improvements.

Technology Used:

HTML ,CSS ,JavaScript

Implementation Plan

- Week 1 –HTML
- Week 2 – CSS
- Week 3 – CSS
- Week 4 - JavaScript
- Week 5- Javascript

Team Members:

Nishant Kumar Singh – JavaScript

Sachin Raghav – JavaScript

Amrendra Singh –HTML and CSS

Anuj Kumar – HTML and CSS

Resources Required:

1. Integrated Development Environments (IDEs) like Visual Studio Code .
2. MDN for reference.
4. Version control system like Git for code management.

Expected Outcomes:

The expected outcome of the Quiz Game Mini Project is a responsive web application where users can seamlessly create, take quizzes, and engage with a dynamic interface. Featuring secure user authentication, interactive quiz elements, a leaderboard, and efficient data storage using HTML, CSS, and JS, the project delivers an accessible and enjoyable platform for quiz enthusiasts..

Project Supervisor:

Mohd. Asalam

Conclusion:

In conclusion, the Quiz Master Mini Project using HTML, CSS, and JS successfully achieves its goal of providing an interactive and user-friendly quiz platform. With responsive design, secure authentication, and engaging features like dynamic quiz creation and real-time feedback, the project demonstrates the effective integration of fundamental web technologies for an accessible and enjoyable quiz-taking experience.